

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 December 2002 (27.12.2002)

PCT

(10) International Publication Number
WO 02/102582 A3

- (51) International Patent Classification⁷: **B32B 5/08**, D06N 7/00 (74) Agents: **PRATT, John, S. et al.**; KILPATRICK STOCKTON LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (US).
- (21) International Application Number: PCT/US02/18179
- (22) International Filing Date: 10 June 2002 (10.06.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
09/882,852 15 June 2001 (15.06.2001) US
- (71) Applicant (for all designated States except US): **INTERFACE, INC.** [US/US]; 2859 Paces Ferry Road, Suite 2000, Atlanta, GA 30339 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BERARD, Raymond, A.** [US/US]; 575 Chastain Road, NW, Kennesaw, GA 30144 (US). **HENSLER, Connie, D.** [US/US]; 3255 Colquitt Trail, Kennesaw, GA 30152 (US). **ROMAN, Jeffrey, J.** [US/US]; 100 Bridgewater Drive, Peachtree City, GA 30269 (US). **JONES, Stuart, A.** [US/US]; 103 Prestwick Drive, LaGrange, GA 30241 (US). **HALL, Jerry, C.** [US/US]; P.O. Box 804, Woodbury, GA 30293 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
10 April 2003
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 02/102582 A3

(54) Title: FLOOR COVERING WITH WOVEN FACE

(57) Abstract: Flooring that utilizes self-stabilizing preshrunk woven face fabric using relatively heavy "carpet weight" nylon, polyester, PTT or other yarns on modern Jacquard computer controlled looms to produce flat-weave fabrics that are bonded to engineered backing structures. Urethane modified bitumen may be used as a backing layer, and an optional latex precoat may be used on the fabric layer, together with an optional antimicrobial in the precoat.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/18179

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B32B5/08 D06N7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B32B D06N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 19557 A (BRADFORD JOHN ; INTERFACE INC (US); OAKLEY DAVID D (US); WATERS LIAM) 22 April 1999 (1999-04-22) page 17, line 1-23 table 1 page 25, line 10 -page 26, line 2 example 2 page 32, line 9-11 figure 5 page 33, line 7-20	1,3-9, 12-26
A	DE 296 00 724 U (LONGLIFE TEPPICHBODEN BERNDT C) 13 February 1997 (1997-02-13) cited in the application figure 1 claims 1,2,5	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

3 December 2002

Date of mailing of the international search report

16/12/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Stabel, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/18179

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 70 07 179 U (JOHANN BORGERS KG) 18 June 1970 (1970-06-18) figure 1 claims 1-5 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/18179

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9919557	A	22-04-1999	AU 744946 B2	07-03-2002
			AU 1079199 A	03-05-1999
			BR 9813073 A	15-08-2000
			CA 2305986 A1	22-04-1999
			CN 1322266 T	14-11-2001
			EP 1023485 A1	02-08-2000
			JP 2001524610 T	04-12-2001
			WO 9919557 A1	22-04-1999
			ZA 9809363 A	14-04-2000
DE 29600724	U	13-02-1997	DE 29600724 U1	13-02-1997
DE 7007179	U	18-06-1970	NONE	